



MATERIAL SAFETY DATA SHEET

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HE307 - FIBERED ASPHALT EMULSION

1. Product And Company Identification	
Supplier HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com www.bakor.com	Manufacturer HENRY COMPANY 909 N. Sepulveda Blvd., Suite 650 El Segundo, CA 90245-2724 Company Contact: Technical Services Telephone Number: (800) 486-1278 Web Site: www.henry.com www.bakor.com
Supplier Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666	Manufacturer Emergency Contacts & Phone Number CHEMTREC: (800) 424-9300 CHEMTREC: (703) 527-3887 CANUTEC: (613) 996-6666
Issue Date: 01/08/2011 Product Name: HE307 - FIBERED ASPHALT EMULSION Product Code: HE307	

2. Composition/Information On Ingredients			
Ingredient Name	CAS Number		Percent Of Total Weight
petroleum asphalt	8052-42-4		30 - 50
bentonite	1302-78-9		1 - 5
kaolin	1332-58-7		5 - 10
silica, quartz	14808-60-7		0.1 - 1
water	7732-18-5		40 - 60

EMERGENCY OVERVIEW	
CAUTION! Vapor may cause light-headedness, headache, nausea, loss of coordination and respiratory tract irritation. Causes skin irritation.	
Appearance/Odor: Black liquid, negligible odor	

3. Hazards Identification
Primary Routes(s) Of Entry Inhalation
Eye Hazards May cause eye irritation (burning, tearing, redness or swelling).
Skin Hazards May cause skin irritation and contact dermatitis upon prolonged contact.
Ingestion Hazards May be harmful if swallowed. May cause gastric distress, vomiting and diarrhea.
Inhalation Hazards Exposure to vapors may cause respiratory tract irritation. Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.



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<p>3. Hazards Identification - Continued</p> <p>Chronic/Carcinogenicity Effects This product or one of its ingredients present at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA. See Section 11 (Toxicological Information) for more details.</p>
<p>4. First Aid Measures</p> <p>Eye In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.</p> <p>Skin Remove contaminated clothing and shoes. Wash affected areas with soap and water.</p> <p>Ingestion Get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim. Call a physician or poison control center immediately.</p> <p>Inhalation Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately.</p>
<p>5. Fire Fighting Measures</p> <p>Flash Point: >212 °F >100 °C Flash Point Method: Setaflash Lower Explosive Limit: not available Upper Explosive Limit: not available</p> <p>Fire And Explosion Hazards Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.</p> <p>Extinguishing Media Chemical foam, carbon dioxide (CO₂), water fog or dry chemical.</p> <p>Fire Fighting Instructions Firefighters should wear self-contained breathing apparatus and full protective gear.</p>
<p>6. Accidental Release Measures</p> <p>Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose in accordance with applicable regulations. Avoid runoff to waterways and sewers.</p>
<p>7. Handling And Storage</p> <p>Handling And Storage Precautions Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not handle or store near strong oxidants or strong acids. Use only with adequate ventilation.</p>
<p>8. Exposure Controls/Personal Protection</p> <p>Engineering Controls Use with adequate general and local exhaust ventilation. When used outdoors, stay well away from building air intakes or close and seal the intakes to prevent product from entering building.</p> <p>Eye/Face Protection Safety glasses with side shields or goggles recommended.</p>



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8. Exposure Controls/Personal Protection - Continued

Skin Protection

Use with chemical-protective gloves to prevent skin contact.

Respiratory Protection

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge and particulate filter or supplied air respirator.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

Ingredient(s) - Exposure Limits

petroleum asphalt

OSHA PEL-TWA 5mg/m3

ACGIH TLV-TWA 0.5mg/m3 (Benzene soluble aerosol)

bentonite

ACGIH TLV-TWA 10 mg/m3 (total dust)

ACGIH TLV-TWA 3 mg/m3 (respirable dust)

OSHA PEL-TWA 15 mg/m3 (total dust)

OSHA PEL-TWA 5 mg/m3 (respirable dust)

kaolin

ACGIH TLV-TWA 2 mg/m3

OSHA PEL-TWA 15 mg/m3

OSHA PEL-TWA 5 mg/m3

silica, quartz

ACGIH TLV-TWA 0.025 mg/m3

OSHA PEL-TWA 30mg/m3 / (%SiO2+2) (total dust)

OSHA PEL-TWA 10 mg/m3/ (%SiO2+2) (respirable dust)

9. Physical And Chemical Properties

Appearance

black liquid

Odor

negligible

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F 100 °C

Specific Gravity: 1.08

Percent Volatiles: 47.4

Vapor Pressure: not available

Vapor Density: >1

pH Factor: not applicable

Solubility: dispersible

Evaporation Rate: <1



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10. Stability And Reactivity
<p>Stability: Stable Hazardous Polymerization: Will not occur</p> <p>Incompatible Materials Avoid contact with strong oxidizing agents and acids.</p> <p>Hazardous Decomposition Products Toxic and irritating gases, vapors or fumes, carbon monoxide (CO), carbon dioxide (CO2).</p>
11. Toxicological Information
<p>Chronic/Carcinogenicity IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz</p> <p>Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.</p> <p>Miscellaneous Toxicological Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.</p> <p>Ingredient(s) - Toxicological Data silica, quartz iv-rat LD50: 500 mg/kg bw/Quartz (10-200 um)</p>
12. Ecological Information
No specific information available.
13. Disposal Considerations
Dispose in accordance with applicable federal, state and local government regulations.
14. Transport Information
Ground Not Restricted IMDG Not Restricted IATA Not Restricted
15. Regulatory Information
<p>U.S. Regulatory Information Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.</p> <p>Ingredient(s) - State Regulations petroleum asphalt California - Proposition 65 kaolin Pennsylvania - Workplace Hazard silica, quartz New Jersey - Workplace Hazard Pennsylvania - Workplace Hazard California - Proposition 65</p>

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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

Massachusetts - Hazardous Substance

Canadian Regulatory Information

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: D2A - Very Toxic

Ingredient(s) - Canadian Regulatory Information

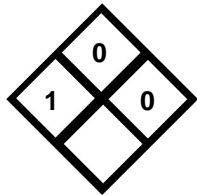
silica, quartz

WHMIS - Ingredient Disclosure List

WHMIS - Canada (Pictograms)



NFPA



HMIS

HEALTH	<input type="text" value="1"/>
FLAMMABILITY	<input type="text" value="0"/>
REACTIVITY	<input type="text" value="0"/>
PERSONAL PROTECTION	<input type="text"/>

16. Other Information

Revision/Preparer Information

This MSDS Supersedes A Previous MSDS Dated: 02/11/2008

Disclaimer

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